

## ABSTRACT OF THE DISCLOSURE

Disclosed herein is a core sample collector comprising a cylinder and a piston, wherein the piston is  
5 equipped with a sterilizing agent-applying mechanism and a sterilizing agent-scraping member. The piston is composed of a piston body, upper piston rings and lower piston rings, and the sterilizing agent-applying mechanism is preferably made up by holding the  
10 sterilizing agent within a space partitioned by the upper piston ring and the lower piston ring. The sterilizing agent is preferably an antimicrobial polymeric gel. A method of taking a core sample, comprising using the core sample collector is also disclosed.